






## Process for increasing the electrostatic chargeability of powder paints or powders and their use in the surface coating of solid items

**Patent number:** EP0315083  
**Publication date:** 1989-05-10  
**Inventor:** MACHHOLDT HANS-TOBIAS DR; SIEBER  
ALEXANDER DR; GODAU CLAUS; MANZ ALBRECHT  
DR  
**Applicant:** HOECHST AG (DE)  
**Classification:**  
**- International:** C09D5/03; C09D5/46  
**- european:** C09D5/03F2  
**Application number:** EP19880118041 19881029  
**Priority number(s):** DE19873737495 19871105

### Also published as:

 US5073579 (A1)  
 JP1149871 (A)  
 EP0315083 (A3)  
 DE3737495 (A1)  
 EP0315083 (B1)

### Cited documents:

 US3873495  
 JP63075077  
 JP63221174

**Report a data error here**

Abstract not available for EP0315083

Abstract of corresponding document: **US5073579**

Process for enhancing the electrostatic chargeability of powder coatings or powders, and the use thereof for surface-coating solid objects. A process for enhancing the electrostatic chargeability of powder coatings or powders intended for surface-coating solid objects, by homogeneously incorporating at least one triarylmethane, azine, thiazine and/or oxazine compound in an amount from about 0.01 to about 10 percent by weight into powder coatings or powders, the compounds mentioned being dissolved or dispersed in the powder coating system or powders.

Data supplied from the [esp@cenet](http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP0315083&F=0) database - Worldwide

**Family list**

9 family members for:

**EP0315083**

Derived from 7 applications.



- 1 VERFAHREN ZUR ERHOEHUNG DER ELEKTROSTATISCHEN AUFLADBARKEIT VON PULVERLACKEN ODER PULVERN UND DEREN VERWENDUNG ZUR OBERFLAECHENBESCHICHTUNG VON FESTEN GEGENSTAENDEN**  
 Publication Info: **AT85633T T** - 1993-02-15
- 2 PROCESS FOR ENHANCING THE ELECTROSTATIC CHARGEABILITY OF POWDER COATINGS OF POWDERS, AND THE USE THEREOF FOR SURFACE-COATING SOLID OBJECTS**  
 Publication Info: **DE3737495 A1** - 1989-05-18
- 3 VERFAHREN ZUR ERHOEHUNG DER ELEKTROSTATISCHEN AUFLADBARKEIT VON PULVERLACKEN ODER PULVERN UND DEREN VERWENDUNG ZUR OBERFLAECHENBESCHICHTUNG VON FESTEN GEGENSTAENDEN**  
 Publication Info: **DE3878398D D1** - 1993-03-25
- 4 Process for increasing the electrostatic chargeability of powder paints or powders and their use in the surface coating of solid items**  
 Publication Info: **EP0315083 A2** - 1989-05-10  
**EP0315083 A3** - 1990-12-05  
**EP0315083 B1** - 1993-02-10
- 5 METHOD FOR ENHANCING STATIC ELECTRICITY CHARGEABILITY OF POWDER PAINT OR POWDER AND USE THEREOF IN SURFACE COATING OF SOLID OBJECT**  
 Publication Info: **JP1149871 A** - 1989-06-12
- 6 PROCESS FOR INCREASING THE ELECTROSTATIC CHARGEABILITY OF POWDER PAINTS OR POWDERS AND THEIR USE IN THE SURFACE COATING OF SOLID ITEMS**  
 Publication Info: **KR9702600 B1** - 1997-03-06
- 7 PROCESS FOR ENHANCING THE ELECTROSTATIC CHARGEABILITY OF POWDER COATINGS OF POWDERS, AND THE USE THEREOF FOR SURFACE-COATING SOLID OBJECTS**  
 Publication Info: **US5073579 A** - 1991-12-17